

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE HEALTH AND SAFETY PLAN ACCIDENT PREVENTION SAFETY PROGRAM PLAN INT. OPER. UNI Manual No.: Section No. RFP/ERM-94-00019

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1/12/95

PROGRAM PLAN INT. OPER. UNITS Organization: Environmental Restoration Mgmt

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APPC	Appendix C: Jacobs Engineering Group Standard Operating Procedures	0	11/04/94

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INTUKEMATION DOCUMENT MODIFICATION REQUEST (DMR) Refer to 1-A01-P or Processing Instructions. 1. Date Print or Type All Information (Except Signatures) 12/9/94 DMR. No: 94-DMR Existing Document Number/Revision 3. New Document Number or Document Number if it is to be changed RFP/ERM-94-00019 Revision N/A 4. Originator's Name/Phone/Page/Location 5. Document Title Integrated Operable Units, Health & Safety Plan 1. lews ed 9659 5472 08C 7. Document Modification Type (Check only one) 6. Document Type 🗋 Procedure X Other HES *دیم/<u>9</u>* □ New □ Revision □ Intent Change ☑ Nonintent Change □ Editorial Correction □ Cancellation 8. Item 9. Page 10. Step 11. Proposed Modifications 2-2 F2-1 Change names as shown on revised F2-1. OU9 Project Manager is John Zimmerman, Field Team Leader is Simon Bell, H&S Coordinator is Lisa Nelowet, OU14 Project Manager is Bill Fieselman, HSS's are David Spruce, Tom Waddel. 2 6.3 Sec. 6 Delete 1st two sentences of Personal Sampling paragraph. Modify third sentence to read as follows "Personal sampling will be conducted only when Level C action Levels are reached with direct reading instruments or when otherwise noted in Appendix A.* p.4 3 Sec. 6 6.4.4 Insert new first sentence: "Personal sampling will only be performed when directed to by EG&G Radiological Engineering." p.7 6.4.6 Insert new first sentence: "Ambient air sampling for airborne alpha radioactivity will only be performed when directed to by Sec. 6 p.8 EG&G Radiological Engineering or if action levels for dust are exceeded in an RCA. 5 Sec. 5 5.5.9.1 Delete the word "strenuous" from the first sentence of "Heat Stress Monitoring and Work Cycle management," p. 42 Delete "even if workers are not wearing impervious clothing." Delete "and body water loss" from 2nd paragraph under "Heat Stress Monitoring . . . " Change "orai temperature" to "orai or ear canal temperature." Sec 6 6.3 Delete paragraph 6, " The fact that contaminants are listed . . . " p. 3 12. Justification (Reason for Modification, EJO#, TP#, etc.) Incorporating changes to improve compliance with 29CFR1910.120, and reflect current personnel and site conditions. If modification is for a new procedure or a revision, list concurring disciplines in Block 13, and enter N/A in Blocks 14 and 13. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concurror prints, and signs in Block 14, and dates in Block 15. 13. Organization 14. Print and Sign (if applicable) 15. Date (if applicable) EOM K. D. Anderson 12/22/94 RE D. Hyder ĪΗ M. D. Schreckengast IA OU B. D. Peterman 12/20/04 64 16. Originator's Supervisor (pg Assigned SME/Phg Craig Cowdery/6953/5466/080 2. Accelerated Review Yes 🗆 No ऑ 4. Responsible Manager (print, sign REVIEWED FOR CLASSIFICATION/UCNI ΒY DATE

Refer to 1-A01-PPG-001 for Processing Instructions.

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	Document Nur RM-94-00019			3. Document Title Integrated Operable Units, Health & Safety Plan		
8. Item 9. Page 10. Step 11. Pr			11. Prop	oposed Modifications		
7	Sec. 9 p.2	9.1.1	Change "dispose of glove" to "dispose of outer gloves" Add bullet after "Remove respirator bullet" to read "Remove and dispose of inner gloves."			
8	Sec. 8 p.2	8.1.1	Change first paragraph to read "For activities to be conducted under this plan, personnel will wear Level D as defined in Section 8.1.3."			
			Delete paragraphs 2 and 3			
9	Sec. 8 p.5	8.1.3	Add bullet after dosimeter badge bullet to read "nitrile gloves if hand contact with potentially contaminated materials is likely."			
10	Sec. 5 p.14	5.2.2	Integrate new chemicals as shown into Section 5.2.2 alphabetically.			
11	Sec. 5 p.2	5.2 Table 5-1	Integrate new chemicals as shown into Table 5-1 chemical Exposure Hazard Summary alphabetically.			
12	Sec. 5 p.38	5.5.3	Change "Utility clearance will be completed before work begins" to "Utility clearance will be completed by the client before work begins"			
13	Sec. 5 p.38	5.5.3	Change (SOP 7.7) to read SOP 7.7a			
.4	Sec. 5 p.38	5.5.3	Delete "which uses hand-augering to confirm the absence of buried utilities." Change the last sentence to read "A copy of Jacobs' SOP 7.7a is provided in Appendix C			
15	Appendix C	SOP 7.7	Delete SOP 7.7, add new SOP 7.7a Utility Clearance at Rocky Flats Plan (7 pages).			
16	Sec. 7 p.4	7.1.5	The fourth bullet will read as follows: "All visitors will receive a site specific safety briefing, and will be escorted at all times. Visitors in areas requiring Level A, B or C PPE must have the equivalent training and PPE as the onsite worker to gain entry."			
17	Sec. 7 p.4	7.1.5	Add bullet after above statement that reads, "Visitors in areas requiring Level D PPE must have Level D PPE, receive a site specific safety briefing, and will be escorted at all times.			
18	Sec. 7 p.4	7.1.5	Add paragraph/sentenceafter "All site visitor access must be clearly documented" builet to read "If visitor does not supply current documentation but insists that he/she enters area, the following actions are to be taken:"			
19	Sec. 7 p.4	7.1.5	Add bullet after above new statement to read, "On site HSS or HSST will shut down activities, secure area by monitoring with instrumentation, and contact HSO/HSS or Site Manager.			
20	Sec. 7 pg.5	7.2	Is first sentence delete "heavy equipment or"			
21	Sec. 6 p.4	6.3	Add new text to end of <u>Action Levels</u> paragraph: <u>When</u> action levels are reached which, according to Appendix A, require "evacuation and reevaluation," site workers must move to an area where direct reading instrumentation shows airborne concentrations are below the action levels of concern. The HSS/HSST must contact the Health & Safety Coordinator to determine further action.			

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3. Document Title

RFP/E	VERM-94-00019 Integrated Operable Units, Health & Safety Plan				
8. Item	9. Page	e 10. Step 11. Proposed Modifications			
22	Sec. 6	6.3	Add to end of 1st paragraph: "All monitoring will be in the breathing zone unless otherwise specified in Appendix A."		
23	p.2 Sec. 10 p. 2	10.2.1	Add EG&G Operations Manager Representative. Change "Kent Mahana" to "Lisa Nelowet."		
24	Sec. 10 p. 3	10.2.1	Add EG&G Operations Manager Representative.		
25	Sec. 10 p. 8	10.3.1	Add Operations Manager Representative, as listed in Tables 10-1, 10-2, must be notified of any unplanned releases.		
26	Sec. 10 p. 9	10.3.2	Change "Kent Mahana" to "Lisa Nelowet"		
27 28	Sec. 5 p. 5-31	T5-4	Modify as shown.		
28	Sec. 6 p. 3	6.3	Replace "every 15 minutes" to "whenever site conditions change" in first paragraph.		
9		F7-1	Delete figure		
30	Sec. 7 p. 5	7.2.1	Delete 1st sentence.		
	1	1			

12. Justification (Reason for Modification, EJO#, TP#, etc.)

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APPENDIX C Jacobs Engineering Group Standard Operating Procedures

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Section 10: 2-3, 8-9	1112195	95-DMR-ERM-0004
Appendix C: SOP 7.7a	1112195	95-DMR-ERM-0004
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7.1.5 Site Visitors

Access to the site by visitors not directly involved with routine integrated operations will be restricted as follows:

- All site visitors must sign in at a site security station located at the site boundary.
- All site visitors must be cleared at the site security station by the Site Manager or his/her designee before obtaining access to the Support Zone.
- Site visitors entering the Exclusion Zone will be strictly limited. The Site Manager and HSO/HSS must approve entry, and the visitor must provide medical, training, and fit test documentation.
- All visitors will receive a site-specific safety briefing and will be escorted at all times. Visitors in areas requiring Level A, B or C PPE must have the equivalent training and PPE as the onsite worker to enter.
 - Visitors in area requiring Level D PPE must have Level D PPE, receive a site specific safety briefing and be escorted at all time.
- All site visitor access must be clearly documented, and visitors must comply with all provisions of the site HSP.
 - If visitor does not supply correct documentation but insists that he/she enters area, the following actions are to be taken on site: onsite HSS HSST will shut down activities, secure area by monitoring instrumentation, and contact HSO/HSS or site manager.

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7.2 DESIGNATION OF WORK ZONES

Moving personnel and equipment between work zones and onsite and offsite will be limited to controlled access points. Therefore, contamination will be contained within certain relatively small areas on the sites, and the potential for translocation will be minimized. The following three contiguous zones will be used where significant contamination potential exists:

Zone 1:

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Exclusion Zone:

Zone 2:

Contamination Reduction Zone; and

Zone 3:

Support Zone.

It is anticipated that these zones will not be required for all activities. The HSS may authorize the use of single or no zones depending on activities. In making this decision, the following criteria will be reviewed: the hazards present; area's current use, postings, and location; and whether the activities will introduce or increase hazards.

For work areas where the potential exists for exposure to radiation and/or radioactive contamination, a radiologically controlled area will be established at the Contamination Reduction Zone/Support Zone boundary. The Contamination Reduction Zone also will serve as a radiological buffer area if airborne radioactivity or radiation contamination areas are established in the Exclusion Zone. Radiological areas inside the Exclusion Zone will be established and posted as specified in EMRG 1.3, Posting of Radiation Protection Requirements.

7.2.1 Exclusion Zone

The Exclusion Zone (Zone 1) is the innermost of three concentric areas and is the zone where contamination is known to or could occur. All personnel entering the Exclusion Zone will wear the prescribed level of protection for the specific site. An entry and exit checkpoint will be established at the perimeter of the Exclusion Zone to regulate the flow of personnel and equipment into and out of the zone and to verify that established entry and exit procedures are